

APPLICATION FOR LAND RADIO STATION AUTHORIZATION IN THE MARITIME SERVICES

Public reporting burden for this collection of information is estimated to average 45 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate, or any other aspect of this collection of information, including suggestions for reducing the burden to Federal Communications Commission, Records Management Branch, AMD-IM, Washington, DC 20554, Paperwork Reduction Project (3060-0089). **DO NOT SEND COMPLETED APPLICATIONS TO THIS WASHINGTON, DC ADDRESS.**

GENERAL INSTRUCTIONS

- **FCC RULES** - Before this application is prepared, applicant should refer to the applicable part of the Commission's Rules. If you wish to purchase FCC Rules, CFR 47, (Part 80 to end), contact the Superintendent of Documents, Government Printing Office, Washington, DC 20402, you may call (202) 512-1800 for the correct price.
- **CORRECT FORM** - Use the attached application when requesting a new license, modifying or renewing (if renewal application FCC Form 452R is not received within 30 days of license expiration date) an existing license, or requesting assignment of a station currently licensed to someone else for the following:
Stations on land in the Maritime Services or
Alaska Fixed Stations - Part 80
- **NUMBER OF APPLICATIONS** - Submit one application for each station license requested.
- For information on the current fee and mailing location for your application, refer to the Wireless Telecommunications Bureau Fee Filing Guide or FCC Form 1070C.
- **QUESTIONS?** - Additional information may be obtained through the FCC Consumer Assistance staff, Gettysburg, Pennsylvania, at (800) 322-1117 or (717) 338-2500.

INSTRUCTIONS FOR COMPLETING SELECTED ITEMS

ITEM 1. Individual - Enter the individual's last name, first name, and middle initial. Individuals doing business as (DBA) a firm or trade name (sole proprietorship), enter both the individual's name and the firm or trade name.

Corporation - Enter the corporate name only as it appears in the Articles of Incorporation. Do not apply in the name of a division of the corporation.

Unincorporated Association - Enter the name of the association as it appears in the Articles of Association or By-Laws.

Governmental Entity - Enter the name of the Governmental Entity having legal jurisdiction over the station, e.g., City of New York, State of Maine. Do not apply in the name of a department, commission, or other arm of the governmental entity.

Partnership - Enter business name, if any. In all cases, the names of all partners must be listed. If more space is needed, use Page 2, Item 33.

ITEMS 2 - 5. Enter the applicant's permanent U.S. mailing address.

ITEM 6. Enter the call sign of the station to be modified or renewed, if applicable.

ITEM 7. Enter the appropriate Payment Type Code for this application. See the Wireless Telecommunications Bureau Fee Filing Guide or FCC Form 1070C.

ITEM 8. Enter the number of stations as the Quantity. Normally, the Quantity will be "1".

ITEM 9. Enter the amount of the Fee Due. To determine the Fee Due for this application, multiply the Quantity (Item 8) by the amount associated with the Payment Type Code (Item 7). See the Wireless Telecommunications Bureau Fee Filing Guide or FCC Form 1070C for the fee amount and Payment Type Code.

ITEM 12a. Enter the appropriate class of station code from the following table:

CODE	CLASS OF STATION
FC	Public Coast
FCL	Private Coast
FCU	Marine Utility
MFX	Marine OPS Fixed
APX	Alaska Private
APC	Alaska Public
MRT	Marine Receiver Test
FCA	Maritime Support-Testing and Training
MSR	Shore Radionavigation
RLM	Shore Radiolocation

NOTE: Where appropriate, follow each code with a "1" for Handheld/Mobile operations or "2" for Temporary operations.

ITEM 12b. Enter the Radio Service code from the following table:

CODE	RADIO SERVICE
MC	Coastal Group
MA	Marine Auxiliary Group
MK	Alaska Group
MR	Maritime Radiodetermination

ITEM 13. Check the purpose for filing the application. If requesting authority to operate a station presently authorized in the name of another person, check "Assignment of Authorization", and submit a completed FCC Form 1046. FCC Form 1046 must be completed by the existing licensee. As a substitute for FCC Form 1046, a written declaration signed by the existing licensee relinquishing all right, title and interest in the station, may be submitted.

ITEM 14. Check "YES" if a Commission grant of the proposed communications facility would be an action which may have a significant environmental effect. Such actions include:

- (a) a new antenna or structure (including any appurtenances or lighting) located in a residential area, or a change to such a structure, which results in FAA imposition of a requirement or option, for high intensity white hazard lighting;
- (b) facilities which are to be located in an officially designated wilderness area, wildlife preserve, or floodplain;
- (c) facilities which will affect sites significant in American History;
- (d) construction which involves extensive changes in surface features. Further details may be found in Sections 1.1306 and 1.1307 of the Commission's Rules.

If the answer to Item 14 is "YES", submit the required Environmental Assessment (EA) along with the application. The EA includes:

- (a) a description of the facilities (including height and special design features, access roads and power lines), a description of the site, the surrounding area and its uses, and a discussion of environmental and other considerations which led to its selection;
- (b) the zoning classification of the site (if any) and communications with or proceedings before zoning, planning, environmental, or other local, state, or federal authorities on matters relating to the environmental effect;
- (c) a statement as to whether construction of the facilities has been a source of controversy on environmental grounds in the local community;
- (d) a discussion of the nature and extent of any unavoidable adverse environmental effects perceived by the applicant and (where adverse effects are present) a discussion of any efforts made to minimize such effects and of any alternative routes, sites or facilities which have been or might reasonably be considered. Further details may be found in Sections 1.1308 and 1.1311 of the Commission's Rules.

ITEM 16. Complete for a Fixed station. Minutes and seconds cannot exceed 59. Coordinates used must be based on North American Datum 27 (NAD 27).

ITEM 18. Provide a statement of eligibility for the requested license. Include a description of existing or planned circumstances requiring the use of the proposed transmitting equipment. Also, if communicating with vessels, indicate the type of vessel with which you will be communicating (commercial and/or non-commercial).

ITEM 19. In general, each transmitter must be type accepted by the Commission for the specific radio service for which it is intended. In the case of Marine Utility Stations, the transmitter must have a self-contained power supply and be capable of being hand held.

ITEM 20. The applicant is required to propose frequencies to be used at the station. Care should be taken to ensure that frequencies requested are consistent with the applicant's eligibility, the proposed station operation, and the Commission's Rules. When one or more working frequencies listed in the 156-162 MHz band is proposed, the frequency 156.8 MHz (distress, safety and calling) must also be proposed. When a working frequency in the 2000-2850 kHz band is proposed, the use of frequency 2182 kHz (international radiotelephone distress and general calling) must also be requested. List in numerical sequence each frequency desired, and show the emission(s) and related types of power(s) to be used. The maximum power type specified should be in accordance with the rules for the particular class of station, such as maximum plate power into the final radio frequency stage, peak envelope power, mean power, rated transmitter power, etc. The following frequency selection guidance is applicable to all stations under Part 80.

(1) The applicant should endeavor to select a working frequency in an appropriate category that will best meet his needs in the geographical area of radio operations for which application is made.

(2) Frequencies proposed should be selected from assignable frequencies listed in Part 80, Subpart H, of the Commission's Rules.

(3) Normally, only one VHF working frequency will be authorized from each applicable frequency category (i.e., commercial, non-commercial, port operations, etc.) indicated in Section 80.373 of the Rules. A "showing of need" is required, in accordance with Section 80.511, when more than one working frequency is requested from a particular category.

(4) Frequencies which will be used for the U.S. Coast Guard Vessel Traffic Service (VTS) should not be selected if the station is to be located within VHF service range of an affected port area. See Part 80 for VTS frequencies.

(5) Applications requesting Private Coast VHF frequencies require frequency coordination with the Southern California Marine Radio Council (SCMRC) when the station is to be located on the Channel Islands or within the following California counties.

Imperial	Orange	San Diego
Kern	Riverside	Santa Barbara
Los Angeles	San Bernardino	Ventura

Applications requesting Private Coast VHF frequencies require frequency coordination with the North Pacific Marine Radio Council (NPMRC) when the station is to be located within the following Washington counties.

Clallam	Kitsap	Skagit
Island	Mason	Snohomish
Jefferson	Pierce	Thurston
King	San Juan	Whatcom

After receiving the appropriate coordination letter from either of these councils, submit a copy of the coordination letter along with the application.

ITEM 21. Enter currently authorized coast station identity number and/or selective calling number.

ITEMS 22, 23 and 24. These items must be completed by private coast applicants located within 75 miles of the U.S./Canadian border and all public coast applicants.

ITEM 25. If the receiver and transmitter sites are not co-located and a separate receiving antenna is used, on an attachment, draw a diagram of the receiving antenna arrangement.

ITEM 26. This figure must reflect the height of the antenna applied for in this application, to its highest point above ground level.

ITEM 32. Normally, if the antenna structure is 20 feet or less in height, no notice is required to be given to the Federal Aviation Administration (FAA).

Notification must be made to the FAA on their form (FAA 7460-1), with certain limited exceptions as set forth in Part 17 of FCC Rules and Part 77 of FAA Rules, of any of the following construction or alteration of an antenna structure.

(1) Construction of any new antenna structure, or alteration of any existing antenna structure, which would result in the top of the antenna or the antenna structure exceeding a height of 200 feet above ground level at the antenna site.

(2) Construction of any new antenna structure, or alteration of any existing antenna structure, which would result in the top of the antenna or the antenna structure exceeding the height of an imaginary surface extending outward and upward at one of the following slopes:

(a) 100 to 1 for a horizontal distance of 20,000 feet from the nearest point of the nearest runway of each airport with at least one runway more than 3,200 feet in length, excluding heliports and seaplane bases without specified boundaries, if that airport is either listed in the Airport Directory of the current Airman's Information Manual or is operated by a Federal military agency.

(b) 50 to 1 for a horizontal distance of 10,000 feet from the nearest point of the nearest runway of each airport with its longest runway no more than 3,200 feet in length, excluding heliports and seaplane bases without specified boundaries, if that airport is either listed in the Airport Directory of the current Airman's Information Manual or is operated by a Federal military agency.

(c) 25 to 1 for a horizontal distance of 5,000 feet from the nearest point of the nearest landing and take off area of each heliport listed in the Airport Directory of the current Airman's Information Manual or is operated by a Federal military agency.

(3) Any construction of an antenna structure (or any alteration of an antenna structure that would increase its height) on an airport listed in the Airport Directory of the current Airman's Information Manual.

(4) When requested by the FAA, any construction or alteration that would be in an instrument approach area (defined in the FAA standards governing instrument approach procedures) and available information indicates it might exceed an obstruction standard of the FAA.

If you intend to install towers of unusual height or at locations in close proximity to aircraft landing areas, it will be to your advantage to discuss the location and height of the antenna in detail with the appropriate FAA area office before filing your application.

ITEMS 35 through 41. This page is to be completed and submitted by all applicants for public coast and Alaska public fixed stations. Applicants for other stations should not submit this page unless specifically requested to do so by the Commission.

NOTICE TO INDIVIDUALS REQUIRED BY THE PRIVACY ACT OF 1974 AND THE PAPERWORK REDUCTION ACT OF 1980

The solicitation of personal information requested in this form is authorized by the Communications Act of 1934, as amended. The Commission will use the information provided in this form to determine whether grant of this application is in the public interest. In reaching that decision, or for law enforcement purposes, it may become necessary to refer personal information contained in this form to another government agency. In addition, all information provided in this form, as well as the form itself, will be available for public inspection. If information requested on the form is not provided, processing of the application may be delayed or the application may be returned without action pursuant to Commission rules. The foregoing notice is required by the Privacy Act of 1974, Public Law 93-579, December 31, 1974, 5 U.S.C. Section 552a(e)(3).

**FEDERAL COMMUNICATIONS
COMMISSION**

**APPLICATION FOR
LAND RADIO STATION AUTHORIZATION
IN THE MARITIME SERVICES**

FOR FCC USE ONLY	
WTB USE ONLY	

1. Applicant Name				
2. (a) Number and Street address				
(b) Street address continuation				
3. City		4. State	5. ZIP Code	
6. Call Sign (If applicable)	7. Payment Type Code	8. Quantity	9. Fee Due \$	FCC USE ONLY
10. Name and Phone Number (include Area Code) of person to contact for questions		18. Statement of Eligibility (FOR ADDITIONAL SPACE, USE ITEM 33)		
11. Applicant Status <input type="checkbox"/> Individual <input type="checkbox"/> Corporation <input type="checkbox"/> Governmental <input type="checkbox"/> Partnership <input type="checkbox"/> Association Entity				
12a. Class of Station (see instructions)				
13. Purpose of Application <input type="checkbox"/> New Station <input type="checkbox"/> Renewal <input type="checkbox"/> Modification <input type="checkbox"/> Assignment of Authorization If Modification, indicate purpose of mod:		19. Transmitter Information (Number of transmitter units to be used under this authorization)		Maximum output power of proposed transmitter(s)
14. Would a Commission grant of your application be an action which may have a significant environmental effect as defined by Section 1.1307 of the Commission's Rules? If "YES", submit the statement as required by Sections 1.1308 and 1.1311. <input type="checkbox"/> YES <input type="checkbox"/> NO		20. Frequencies (kHz or MHz)	20. Bandwidth and Emission	20. Maximum Output Power
15. For a HANDHELD/MOBILE STATION only, give detailed area of operation				
16a. Number & Street or other indication of station location				
16b. City County State				
16c. Latitude Longitude ° ' " N ° ' " W				
17. Location of Control Point(s) (Other than at the transmitter)		21. Coast station identity and/or selective calling number (if applicable)		
		22. Antenna Gain db	23. Azimuth of Major Lobe if directional antenna is used degrees East of True North	24. Transmission line loss db

Use the Antenna Arrangements shown below to answer Items 25 through 32

ANTENNA ARRANGEMENTS (NOT TO SCALE)

Figure 1
Ground Mounted

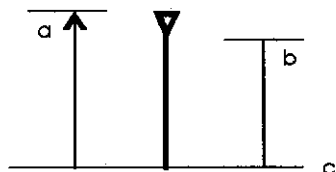


Figure 2
Mounted on another structure

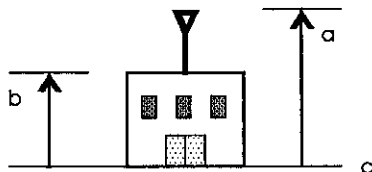
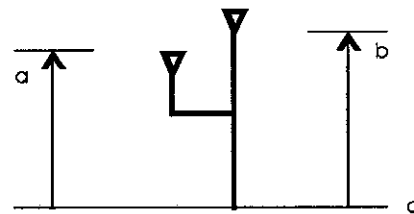


Figure 3
Mounted on an existing antenna structure



25. Which one of the above antenna arrangements is most similar to the proposed new station or station to be modified?

- ☐ Figure 1 ☐ Figure 2 ☐ Figure 3 ☐ Other: If a selection cannot be made from Figures 1-3, attach a diagram showing pertinent heights in feet.

26. Give the overall height above ground to the tip of your antenna. (a) _____ ft.

27. Give the overall height above ground of the highest point of the structure. (b) _____ ft.

28. Give the ground elevation above mean sea level at the antenna site. (c) _____ ft.

29. Provide a description of the structure on which the antenna is mounted, examples: building, tower, pole, etc.

30. Will antenna be mounted on a structure with an existing antenna? If "YES", give call sign and radio service of existing licensee.

☐ YES ☐ NO

Call Sign

Radio Service

31a. Give the name of the nearest aircraft landing area

31b. Give the distance to the nearest runway
Miles

31c. Give the direction to the nearest runway

32a. Has Notice of Construction or Alteration been filed with the FAA?
☐ YES ☐ NO

32b. Date Notice was filed

32c. Name under which filed

32d. FAA office where filed

33. Remarks/Additional Information

CERTIFICATION:

1. Applicant waives any claim to the use of any particular frequency regardless of prior use by license or otherwise.
2. Applicant will have unlimited access to the radio equipment and will control access to exclude unauthorized persons.
3. Applicant certifies that transmitting equipment is type accepted under Part 80 of the Commission's rules for use on land.
4. Neither applicant nor any member thereof is a foreign government or representative thereof.
5. Applicant certifies that all statements made in this application and attachments are true, complete, correct, and made in good faith.
6. Applicant certifies that the signature is that of the individual, or partner, or officer or duly authorized employee of official on behalf of a governmental entity.
7. Neither the applicant nor any other party to the application is subject to a denial of Federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862, because of a conviction for possession or distribution of a controlled substance.

WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(A)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).

SIGNATURE 

DATE

FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID

THIS PAGE TO BE COMPLETED BY APPLICANTS FOR PUBLIC COAST OR ALASKA PUBLIC FIXED STATIONS: STATIONS THAT WILL CHARGE FOR RADIO COMMUNICATIONS SERVICES.

35. Will this station be open to Public Correspondence?

☐ YES

☐ NO

36. Proposed Hours of Operation

Public Coast applicants who are applying for new HF frequencies: Please complete Items 37 and 38. In lieu of Receiving Zone, you may describe the service area as a defined radius of the transmitter site.

37. Half power Beamwidth

38. Receiving Zone(s)

39. Location of Receiver if different than Item 17 (Give Number and Street, City, State, Coordinates)

40. (ADDITIONAL SPACE) (reserved)

CERTIFICATION

APPLICANT(S) MUST CERTIFY THAT THEY ARE NOT:

1. An alien or the representative of any alien;
2. A corporation organized under the laws of any foreign government;
3. A corporation of which any officer or director is an alien or of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country;
4. A corporation directly or indirectly controlled by any other corporation of which any officer or more than one-fourth of the directors are aliens, or of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country.

41. DOES APPLICANT SO CERTIFY?

☐

YES

☐

NO

NOTE - FEE INCREASE

Effective with FCC application receipts of 9/12/96, the fee increases to \$105 for new or renewal and \$90 for modification and CMRS. If your application is not received at the FCC prior to 9/12/96, the fee increase applies.



NOTICE OF FEE DUE FOR FCC 503 EFFECTIVE SEPTEMBER 18, 1995

NEW LICENSE

- FCC 503 - APPLICATION FOR A LAND RADIO STATION AUTHORIZATION IN THE MARITIME SERVICES (Edition dates prior to 4/93 are not acceptable)
- \$100.00 FEE (See METHOD OF PAYMENT on reverse)
- PAYMENT/FEE TYPE CODE: PBMR
- SEND YOUR APPLICATION PACKAGE TO:
Federal Communications Commission
Marine Coast Service
P.O. Box 358265
Pittsburgh, PA 15251-5265

*Commercial Mobile Radio Service applications for new stations under Part 80 of the FCC Rules and Regulations need only pay the application fee of \$85.00 and should be filed to the lockbox address for MODIFIED LICENSE below. This would include any with "MC" radio service and "FC" station class.

MODIFIED LICENSE (License retains expiration date of existing authorization)

- FCC 503 - APPLICATION FOR A LAND RADIO STATION AUTHORIZATION IN THE MARITIME SERVICES (Edition dates prior to 4/93 are not acceptable)
- \$85.00 FEE (See METHOD OF PAYMENT on reverse)
- PAYMENT/FEE TYPE CODE: PBMM
- SEND YOUR APPLICATION PACKAGE TO:
Federal Communications Commission
Marine Coast Service
P.O. Box 358770
Pittsburgh, PA 15251-5770

ASSIGNMENT OF AUTHORIZATION (License retains expiration date of existing authorization)

In addition to the above instructions for Modified License, complete and submit FCC 1046 - APPLICATION FOR ASSIGNMENT OF AUTHORIZATION.

RENEWAL OF LICENSE

The Commission will send you an Application for Renewal, FCC 452R, approximately 90 days prior to expiration of the license. File FCC 452R in accordance with instructions thereon. If you do not receive FCC 452R at least 30 days prior to license expiration, you may file for renewal on FCC 503 in accordance with instructions provided above for NEW LICENSE.

FEE EXEMPTION

Eligibles filing as Governmental Entities do not require a fee. Submit these applications to:

Federal Communications Commission
1270 Fairfield Road
Gettysburg, PA 17325-7245

Certain non-profit entities are eligible for a partial fee exemption. To determine if you qualify, please refer to the Wireless Telecommunications Bureau Fee Filing Guide or call the FCC at the number shown on reverse.

SEE REVERSE

FCC 1070C
August 1996

METHOD OF PAYMENT

Payment of fees may be made by check, bank draft, money order or credit card. If paying by check, bank draft or money order, your remittance must be denominated in U.S. dollars, drawn on a U.S. financial institution and made payable to "FCC". No postdated, altered or third-party checks will be accepted. No checks will be accepted if issue date is older than six months. DO NOT SEND CASH.

FCC FORM 159 - FCC REMITTANCE ADVICE FORM

FCC Form 159 must be used when paying for multiple applications with a single payment instrument, a single application with multiple remittances, and when paying by credit card or money order. FCC Form 159 is also required for any actions not requiring a specific FCC Form.

COURIER OR HAND DELIVERY OF APPLICATIONS

If you wish to hand carry or courier your feeable application to Pittsburgh, it should be enclosed in a sealed envelope with the appropriate Post Office address clearly marked on the outside. If you are filing applications for multiple post office boxes, they must be enclosed in a separate envelope for each different Post Office Box address. Applications may be delivered to the bank at the following address:

Federal Communications Commission
c/o Mellon Bank
525 William Penn Way
27th Floor, Room 153-2713
Pittsburgh, PA 15259
Attn: Wholesale Lockbox Shift Supervisor

Although feeable applications may be hand delivered to Pittsburgh 24 hours a day, 7 days per week, the formal filing date of an application will be either the date it was delivered, if that day was a regular FCC business day, or the next regular FCC business day, if the delivery date was a weekend or FCC holiday.

APPLICATION FORMS

Several manufacturers place application forms and applicable information in boxes of radio equipment for sale. The forms present in your radio equipment box may be outdated and reflect erroneous information causing delay in the processing of your application.

You may obtain application forms from the Commission's Forms Distribution Center, 9300 East Hampton Drive, Capital Heights, MD 20743, toll free (800) 418 - FORM (3676) or from the FCC's Fax-on-Demand system by calling (202) 418 - 0177 from the handset of your fax machine (request the index to find out the document number first). Some forms are available by downloading from the FCC's internet homepage on the World Wide Web at <http://www.fcc.gov/forms>.

QUESTIONS

If you have any questions regarding your application and/or fee, you may call the Consumer Assistance staff, Gettysburg, PA at (800) 322 - 1117 or (717) 338 - 2500.